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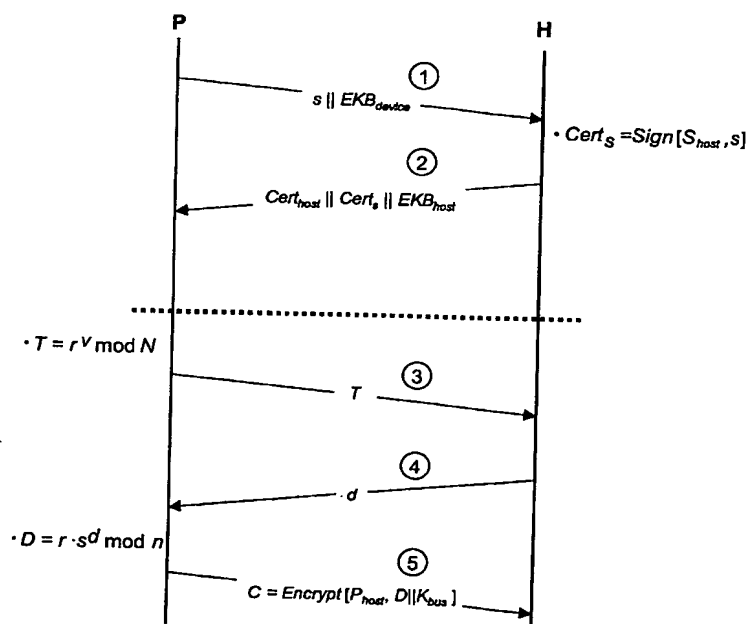
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(54) Title: **IMPROVED SECURE AUTHENTICATED CHANNEL**



(57) Abstract: To prevent copying of content on interfaces, a secure authenticated channel (SAC) must be set up. This requires authentication between devices. The invention proposes an authentication protocol where a first device (e.g. a PC) authenticates itself to a second device (e.g. a peripheral device) using a challenge/response protocol and a second device authenticates itself using a zero knowledge protocol, where preferably a secret of the zero knowledge protocol is scrambled and cryptographically bound to the key-block.



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